

# ITU Operational Bulletin

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## GENERAL INFORMATION

### Lists annexed to the ITU Operational Bulletin

#### Note from TSB

A. The following Lists have been published by TSB or BR as Annexes to the ITU Operational Bulletin (OB):

OB No.

- 1251 Status of Radiocommunications between Amateur Stations of Different Countries (In accordance with optional provision No. 25.1 of the Radio Regulations) and Form of Call Signs assigned by each Administration to its Amateur and Experimental Stations (Position on 1 September 2022)
- 1199 List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/1999)) (Position on 1 July 2020)
- 1162 Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions (According to Recommendation ITU-T E.212 (09/2016)) (Position on 15 December 2018)
- 1161 List of Issuer Identifier Numbers for the International Telecommunication Charge Card (In accordance with Recommendation ITU-T E.118 (05/2006)) (Position on 1 December 2018)
- 1125 List of Signalling Area/Network Codes (SANC) (Complement to Recommendation ITU-T Q.708 (03/1999)) (Position on 1 June 2017)
- 1125 List of terrestrial trunk radio mobile country codes (Complement to Recommendation ITU-T E.218 (05/2004)) (Position on 1 June 2017)
- 1117 List of mobile country or geographical area codes (Complement to Recommendation ITU-T E.212 (09/2016)) (Position on 1 February 2017).
- 1114 List of Recommendation ITU-T E.164 assigned country codes (Complement to Recommendation ITU-T E.164 (11/2010)) (Position on 15 December 2016)
- 1096 Legal time 2016
- 1060 List of ITU Carrier Codes (According to ITU-T Recommendation M.1400 (03/2013)) (Position on 15 September 2014)
- 1015 Access codes/numbers for mobile networks (According to ITU-T Recommendation E.164 (11/2010)) (Position on 1 November 2012)
- 1002 List of Country or Geographical Area Codes for non-standard facilities in telematic services (Complement to ITU-T Recommendation T.35 (02/2000)) (Position on 15 April 2012)
- 1001 List of the national authorities designated to assign ITU-T Recommendation T.35 terminal provider codes (Position on 1 April 2012)
- 1000 Service Restrictions (Recapitulatory list of service restrictions in force relating to telecommunications operation) (Position on 15 March 2012)
- 994 Dialling Procedures (International prefix, national (trunk) prefix and national (significant) number) (In accordance with ITU-T Recommendation E.164 (11/2010)) (Position on 15 December 2011)
- 991 Call-Back and alternative calling procedures (Res. 21 Rev. PP-06)
- 980 List of Telegram Destination Indicators (In accordance with ITU-T Recommendation F.32 (10/1995)) (Position on 15 May 2011)
- 978 List of Telex Destination Codes (TDC) and Telex Network Identification Codes (TNIC) (Complement to ITU-T Recommendations F.69 (06/1994) and F.68 (11/1988)) (Position on 15 April 2011)
- 977 List of Data Network Identification Codes (DNIC) (According to ITU-T Recommendation X.121 (10/2000)) (Position on 1 April 2011)
- 976 List of Data Country or Geographical Area Codes (Complement to ITU-T Recommendation X.121 (10/2000)) (Position on 15 March 2011)
- 974 List of Names of Administration Management Domains (ADMD) (In accordance with ITU-T F.400 and X.400 series Recommendations) (Position on 15 February 2011)
- 955 Various tones used in national networks (According to ITU-T Recommendation E.180 (03/1998)) (Position on 1 May 2010)
- 669 Five-letter Code Groups for the use of the International Public Telegram Service (According to ITU-T Recommendation F.1 (03/1998))

B. The following Lists are available online from the ITU-T website:

List of ITU Carrier Codes (ITU-T Rec. M.1400)	<a href="http://www.itu.int/ITU-T/inr/icc/index.html">www.itu.int/ITU-T/inr/icc/index.html</a>
Bureaufax Table (ITU-T Rec. F.170)	<a href="http://www.itu.int/ITU-T/inr/bureaufax/index.html">www.itu.int/ITU-T/inr/bureaufax/index.html</a>
List of recognized operating agencies (ROAs)	<a href="http://www.itu.int/ITU-T/inr/roa/index.html">www.itu.int/ITU-T/inr/roa/index.html</a>

## Approval of ITU-T Recommendations

By AAP-30, it was announced that the following ITU-T Recommendations were approved, in accordance with the procedures outlined in Recommendation ITU-T A.8:

- ITU-T G.698.1 (06/2023): Multichannel DWDM applications with single-channel optical interfaces
- ITU-T G.698.4 (06/2023): Multichannel bi-directional DWDM applications with port agnostic single-channel optical interfaces
- ITU-T G.987.2 (2023) Amd. 1 (06/2023)
- ITU-T G.989.3 (2021) Amd. 1 (06/2023)
- ITU-T G.8013/Y.1731 (06/2023): Operation, administration and maintenance (OAM) functions and mechanisms for Ethernet-based networks
- ITU-T G.8051/Y.1345 (2020) Amd. 1 (06/2023)
- ITU-T G.8251 (2022) Cor. 1 (06/2023)
- ITU-T G.8271.1/Y.1366.1 (2022) Amd. 1 (06/2023)
- ITU-T G.8273/Y.1368 (06/2023): Framework of phase and time clocks
- ITU-T G.8273.2/Y.1368.2 (06/2023): Timing characteristics of telecom boundary clocks and telecom time synchronous clocks for use with full timing support from the network
- ITU-T G.9701 (2019) Cor. 4 (06/2023)
- ITU-T G.9711 (2021) Cor. 2 (06/2023)
- ITU-T G.9805 (2022) Amd. 1 (06/2023)
- ITU-T G.9960 (06/2023): Unified high-speed wireline-based home networking transceivers - System architecture and physical layer specification
- ITU-T G.9963 (06/2023): Unified high-speed wireline-based home networking transceivers - Multiple input/multiple output specification
- ITU-T L.340 (06/2023): Maintenance of telecommunication underground facilities
- ITU-T X.1051 (06/2023): Information security, cybersecurity and privacy protection - Information security controls based on ISO/IEC 27002 for telecommunications organizations

## Service Restrictions

See URL: [www.itu.int/pub/T-SP-SR.1-2012](http://www.itu.int/pub/T-SP-SR.1-2012)

<i>Country/geographical area</i>	<i>OB</i>
Seychelles	1006 (p.13)
Slovakia	1007 (p.12)
Malaysia	1013 (p.5)
Thailand	1034 (p.5)
São Tomé and Príncipe	1039 (p.14)
Uruguay	1039 (p.14)
Hong Kong, China	1068 (p.4)
Ukraine	1148 (p.5)

## Call-Back and alternative calling procedures (Res. 21 Rev. PP-06)

See URL: [www.itu.int/pub/T-SP-PP.RES.21-2011/](http://www.itu.int/pub/T-SP-PP.RES.21-2011/)

# AMENDMENTS TO SERVICE PUBLICATIONS

Abbreviations used

<b>ADD</b>	Insert	<b>PAR</b>	Paragraph
<b>COL</b>	Column	<b>REP</b>	Replace
<b>LIR</b>	Read	<b>SUP</b>	Delete
<b>P</b>	Page(s)		

## List of Issuer Identifier Numbers for the International Telecommunication Charge Card (in accordance with Recommendation ITU-T E.118 (05/2006)) (Position on 1 December 2018)

(Annex to ITU Operational Bulletin No. 1161 – 1.XII.2018)  
(Amendment No. 85)

### Belgium ADD

<i>Country/ Geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>	<i>Effective date of usage</i>
Belgium	<b>CWave (Citymesh Connect)</b> Siemensiaan 13 8020 OOSTKAMP	<b>89 32 13</b>	Geert Dewestelinck Siemensiaan 13 8020 OOSTKAMP Tel: +32 50 41 02 00 E-mail: geert.dewestelinck@citymesh.com	1.V.2023

**Mobile Network Codes (MNC) for the international identification plan  
for public networks and subscriptions  
(According to Recommendation ITU-T E.212 (09/2016))  
(Position on 15 December 2018)**

(Annex to ITU Operational Bulletin No. 1162 - 15.XII.2018)  
(Amendment No. 98)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
Switzerland ADD		
	228 71	Spusu AG

\* MCC: Mobile Country Code / Indicatif de pays du mobile / Indicativo de país para el servicio móvil  
MNC: Mobile Network Code / Code de réseau mobile / Indicativo de red para el servicio móvil

**List of ITU Carrier Codes  
(According to Recommendation ITU-T M.1400 (03/2013))  
(Position on 15 September 2014)**

(Annex to ITU Operational Bulletin No. 1060 – 15.IX.2014)  
(Amendment No. 153)

<i>Country or area/ISO code Company Name/Address</i>	<i>Company Code (carrier code)</i>	<i>Contact</i>
<b>Germany (Federal Republic of) / DEU</b> <b>ADD</b>		
01051 Telecom GmbH Fritz-Vomfelde-Strasse 34 D-40547 DUESSELDORF	<b>01051T</b>	Mr Marc Herruer Tel.: +31 654703459 Email: mherruer@01051.com
GREENFIBER Netz & Management GmbH Moенckebergstrasse 19 D-22095 HAMBURG	<b>GNM1</b>	Mr Vincent Komossa Email: v.komossa@greenfiber.de
ITAS AG Suedstrasse 1 D-09221 NEUKIRCHEN/ERZGEBIRGE	<b>ITAS</b>	Mr Rolf Mittag Tel.: +49 371 56004 456 Fax: +49 371 56004 499 Email: info@itas.ag

**List of International Signalling Point Codes (ISPC)  
(According to Recommendation ITU-T Q.708 (03/1999))  
(Position on 1 July 2020)**

(Annex to ITU Operational Bulletin No. 1199 – 1.VII.2020)  
(Amendment No. 55)

*Country/  
Geographical Area*

<i>ISPC</i>	<i>DEC</i>	<i>Unique name of the signalling point</i>	<i>Name of the signalling point operator</i>
<b>Norway ADD</b>			
7-217-5	16077	GJOSTP2	Com4 AS
<b>Switzerland ADD</b>			
7-209-1	16009	Schlieren1	GlobaHub AG
<b>United States LIR</b>			
3-033-3	6411	Atlanta, GA	GENESIS INTERNATIONAL TELECOM LLC dba Gensitel
3-033-4	6412	Atlanta, GA (2)	GENESIS INTERNATIONAL TELECOM LLC dba Gensitel
<b>Zimbabwe ADD</b>			
6-095-4	13052	Econet Willowvale vSTP (WVVSTP01)	Econet Wireless
6-095-5	13053	Econet PocketsHill vSTP (PHVSTP01)	Econet Wireless
6-095-6	13054	Econet Willowvale vMSS (WVVMSS01)	Econet Wireless
6-095-7	13055	Econet PocketsHill vMSS (PHVMSS01)	Econet Wireless

ISPC: International Signalling Point Codes.  
Codes de points sémaphores internationaux (CPSI).  
Códigos de puntos de señalización internacional (CPSI).



## National Numbering Plan (According to Recommendation ITU-T E.129 (01/2013))

Web: [www.itu.int/itu-t/inr/nnp/index.html](http://www.itu.int/itu-t/inr/nnp/index.html)

Administrations are requested to notify ITU about their national numbering plan changes, or to give an explanation on their webpage concerning the national numbering plan as well as their contact points, so that the information, which will be made available freely to all administrations/ROAs and service providers, can be posted on the ITU-T website.

For their numbering website, or when sending their information to ITU/TSB (e-mail: [tsbtson@itu.int](mailto:tsbtson@itu.int)), administrations are kindly requested to use the format as explained in Recommendation ITU-T E.129. They are reminded that they will be responsible for the timely update of this information.

From 1.VI.2023, the following countries/geographical areas have updated their national numbering plan on our site:

<i>Country/ Geographical area</i>	<i>Country Code (CC)</i>
Burkina Faso	+226
Gibraltar	+350
Mongolia	+976